Journal of Ultrasound in Medicine

## CONTENTS OF VOLUME 6

NUMBER 1, JANUARY 1987

EDITORIAL
1 **Ring in the New!**
*George R. Leopold*

RESEARCH PAPERS
3 **Fetal Bowel: Normal Sonographic Findings**
*David A. Nyberg, Laurence A. Mack, Randall M. Patten, Dale R. Cyr*

7 **Leiomyosarcoma of the Inferior Vena Cava: Ultrasonographic Appearance**
*Jean-Claude Bousquet, Albert Goze, Max Hassan, Edward Kieffer, Philippe Curet, Jacques Grellet*

13 **Sonographic Detection of Smoking-Related Decreased Fetal Growth**
*Philippe Jeanty, Eddy Cousaert, Viviane de Maertelaer, Francis Cantraine*

19 **The Hypoechoic Normal Tendon: A Pitfall**
*Bruno D. Fornage*

23 **Distinguishing Normal From Abnormal Gestational Sac Growth in Early Pregnancy**
*David A. Nyberg, Laurence A. Mack, Faye C. Laing, Randall M. Patten*

29 **Sonography of Wall Thickening of the Renal Collecting System: A Nonspecific Finding**
*Diane S. Babcock*

33 **Ultrasound in the Evaluation of the Knee and Patellar Regions**
*Heikki R. Laine, Ari Harjula, Pekka Peltokallio*

CASE REPORTS
37 **Spontaneous Resolution of Fetal Ventriculomegaly in a Diabetic Patient**
*Ants Toi*

41 **Early Prenatal Diagnosis of Asphyxiating Thoracic Dysplasia (Jeune's Syndrome): Value of Fetal Thoracic Measurement**
*Suzanne M. Skiptunas, Stuart Weiner*

45 **Giant Fetal Abdominal Cyst: Ultrasonic Diagnosis and Management**
*Richard Jaffe, Jacques Abramowicz, Moshe Fejgin, Noah Ben-Aderet*

49 **Meconium Peritonitis Masquerading as Fetal Hydrops**
*Joseph P. Dillard, David K. Edwards, George R. Leopold*

DEPARTMENTS
53 **Book Review**

55 **Continuing Education**

NUMBER 2, FEBRUARY 1987

EDITORIAL

57 **Charles W. Hohler, MD (1945–1986)**
*Lewis H. Nelson*

RESEARCH PAPERS

59 **Ultrasonography in Patients With Low Maternal Serum α-Fetoprotein**
*Lewis H. Nelson, Barbara K. Burton, Sherrin Sowers*

63 **Prenatal Sonographic Diagnosis of Isolated Congenital Cystic Hygroma, Unassociated With Lymphedema or Other Morphologic Abnormality**
*Beryl R. Benacerraf, Fredric D. Frigoletto, Jr.*

67 **High-Resolution Real-Time Ultrasound in Peyronie's Disease**
*Yi-Hong Chou, Chui-Mei Tiu, Huay-Ben Pan, Shinn-Nan Lin, Chung-Chuan Hsu, Chin-Chi Wu, Tsuen Chang*

71 **A Comparison of Fetal Biometric Ratios to Neonatal Morphometrics**
*Danny Hays, Robert M. Patterson*

75 **Lupus Nephritis: New Sonographic Findings**
*H. Esterbrook Longmaid, III, Elizabeth Rider, Jerome Tymkiw*

81 **Objective Method of Diagnosing Oligohydramnios in Postterm Pregnancies**
*Beverly Hashimoto, Roy A. Filly, C. Belden, Peter W. Callen, Russell K. Laros*

CASE REPORTS

85 **Unusual Presentation of a Mucocele of the Appendix**
*Stanford R. Schwimer, Bruce J. Joseph, Joseph Lebovic*

89 **Sonographic Demonstration of Combined Quadruplet Gestation, With Viable Ectopic and Concomitant Intrauterine Triplet Pregnancies**
*David M. Rowland, Mary Beth Geagan, David A. Paul*

93 **Prenatal Sonographic Appearance of Diprosopus**
*Simon Strauss, Mordechai Tamarkin, Santiago Engelberg, Tamar Ben Ami, Richard M. Goodman*

97 **Seminoma in an Atrophic Testis: Ultrasound Evaluation**
*Stanford R. Schwimer, Edwin Jacobson, Joseph Lebovic*

101 **Pre- and Postoperative Doppler Echocardiographic Evaluation of Anomalous Left Coronary Artery Arising From the Pulmonary Artery**
*Derek A. Fyfe, Robert M. Sade, Paul C. Gillette, Charles H. Kline*

105 **Sonographic Diagnosis of Tuberculoid Leprosy**
*Bruno D. Fornage, Cécile Nerot*

DEPARTMENTS

108 **Continuing Education**

109 **Book Reviews**

111 **Letters to the Editor**

NUMBER 3, MARCH 1987

RESEARCH PAPERS

113 **Visualization of Tumor Vascularity in a Rabbit VX2 Carcinoma by Doppler Flow Mapping**
*Jonathan M. Rubin, Paul L. Carson, Robert A. Zlotecki, William D. Ensminger*

121 **Tongue Cancer: Sonographic Assessment of Tumor Stage**
*Franz Fruehwald, Erich Salomonowitz, Andreas Neuhold, Robert Pavelka, Georg Mailath*

139 **Ultrasonic "Double Track" Sign in Hypertrophic Pyloric Stenosis**
*Harris L. Cohen, Sheldon Schechter, Ascher L. Mestel, DuRee H. Eaton, Jack O. Haller*

145 **Ectopic Pregnancy: Diagnosis by Sonography Correlated With Quantitative HCG Levels**
*David A. Nyberg, Roy A. Filly, Faye C. Laing, Laurence A. Mack, Paul W. Zarutskie*

151 **Ultrasound Examination of Extracardiac Chest Masses in Children: Doppler Diagnosis of a Vascular Etiology**
*Martin P. O'Laughlin, James C. Huhta, Daniel J. Murphy, Jr.*

CASE REPORTS

159 **Intrapericardial Teratoma: Ultrasonic and Pathological Features**
*Steven L. Rasmussen, Wei Sek Hwang, Joyce Harder, Stuart Nicholson, Dawn Davies, Carl A. Nimrod*

163 **Congenital Megacalyces: Ultrasound Appearance**
*Cristian J. Garcia, Kenneth J.W. Taylor, Robert M. Weiss*

DEPARTMENTS

166 **Continuing Education**

167 **Letters to the Editor**

NUMBER 4, APRIL 1987

RESEARCH PAPERS

169 **Ultrasonic Evaluation of the Scrotum in Lymphoproliferative Disease**
*Gail Phillips, Sheila Kumari-Subaiya, Arthur Sawitsky*

177 **Fetal Gastric Pseudomasses**
*Joseph Fakhry, Lawrence R. Shapiro, Andrew Schechter, Marvin Weingarten, Alice Glennon*

181 **Continuous Measurement of Pulmonary Blood Flow Using A Retractable Pulsed Doppler Probe**
*Carol L. Lucas, G. William Henry, Blair A. Keagy, Enrique Criado, Jose I. Ferreiro, Belinda Ha, Michael D. Baudino, Benson R. Wilcox*

191 **Sonographic Biophysical Profile in the Postdate Pregnancy**
*Lucy Hann, Colin McArdle, Benjamin Sachs*

197 **Postasphyxial Encephalopathy in Term Infants: Sonographic Demonstration of Increased Echogenicity of the Thalamus and Basal Ganglia**
*Barbara S. Hertzberg, Matthew E. Pasto, Laurence Needleman, Alfred B. Kurtz, Matthew D. Rifkin*

203 **Pitfalls in Femur Length Measurements**
*Ruth B. Goldstein, Roy A. Filly, Gary Simpson*

**CASE REPORTS** 209 **Ultrasound and Computed Tomographic Findings in Aggressive Angiomyxoma of the Uterine Cervix**
*Jahanguir Yaghoobian, Daniel Zinn, Kumudha Ramanathan, Robert L. Pinck, Jane Hilfer*

213 **Infarcted Cystadenofibroma of the Breast: Ultrasonic Appearance**
*Yechiel Barki, Daniel Benharroch, Luis Vinograd, Galinus Hoda*

217 **Sonographic Preoperative Localization of a Foreign Body in the Hand**
*Bruno D. Fornage, François L. Schernberg*

221 **Cephalocentesis: Guidance With an Endovaginal Probe and Endovaginal Needle Placement**
*Benjamin Chayen, Matthew D. Rifkin*

**DEPARTMENTS** 224 **Continuing Education**

NUMBER 5, MAY 1987

**RESEARCH PAPERS** 225 **Sonographic Anatomy of the Larynx, With Particular Reference to the Vocal Cords**
*B. Nagesh Raghavendra, Steven C. Horii, Deborah L. Reede, William M. Rumancik, Mark Persky, R. Thomas Bergeron*

231 **Ultrasonically Activated Gas-Filled Micropores Release Hemoglobin and Antigens From Human Erythrocytes In Vitro**
*Douglas L. Miller, B.J. Lamore*

237 **Abdominal Lymphadenopathy in Sarcoidosis**
*Steven J. Deutch, Michael A. Sandler, Larry B. Tankanow*

243 **Total Parenteral Nutrition (TPN) and Gallbladder Diseases in Neonates: Sonographic Assessment**
*Celso Matos, E. Fred Avni, Daniel Van Gansbeke, Anne Pardou, Julien Struyven*

249 **Diagnosis of Autosomal Dominant Polycystic Kidney Disease In Utero and in the Young Infant**
*Dolores H. Pretorius, M. Eugenia Lee, Michael L. Manco-Johnson, Gail R. Weingast, Aileen B. Sedman, Patricia A. Gabow*

**CASE REPORTS** 257 **Dilated Fetal Bowel: A Sonographic Sign of Cystic Fibrosis**
*David A. Nyberg, William Hastrup, Heather Watts, Laurence A. Mack*

261 **Prenatal Diagnosis of an Unusual Form of Hypoplastic Left Heart Syndrome**
*Robert N. Vincent, Savas Menticoglou, Darcene Chanas, Frank Manning, George F. Collins, Jeffery Smallhorn*

265 **Renal Sonography in Bartter Syndrome**
*Simon Strauss, Gary Robinson, Danny Lotan, Yacov Itzchak*

269 **Computed Tomography and Ultrasound in Purulent Ventriculitis**
*Linda Vachon, Victor Mikity*

273 **Cutaneous Seeding of Hepatocellular Carcinoma After Fine-Needle Aspiration Biopsy**
*Hiroyoshi Onodera, Masamichi Oikawa, Masahide Abe, Nobuyuki Chida, Satoshi Kimura, Kenzo Satake, Tadashi Motojima, Yoshio Goto*

DEPARTMENTS 277 **Book Reviews**

279 **Continuing Education**

NUMBER 6, JUNE 1987

EDITORIAL 281 **Preserving the Past: History of Diagnostic Ultrasound**
*Barry B. Goldberg, Ramunas Kondratas*

RESEARCH PAPERS 283 **Ultrasound Appearance of Extramedullary Hematopoiesis**
*Thomas H. Shawker, Michael Hill, Suvimol Hill, Brian Garra*

291 **Significance of an Absent or Reversed End Diastolic Flow in Doppler Umbilical Artery Waveforms**
*Joseph S. K. Woo, S. T. Liang, Roxy L. S. Lo*

299 **Sonographic Evaluation of the Kidney Following Extracorporeal Shock Wave Lithotripsy**
*Juri V. Kaude, Jonathan L. Williams, Patricia G. Wright, Deanne Bush, Corby Derau, Robert C. Newman*

307 **A Sonographic Sign Which Predicts Which Fetuses With Hydrocephalus Have an Associated Neural Tube Defect**
*Christine Penso, Raymond W. Redline, Beryl R. Benacerraf*

313 **Hemorrhagic Cholecystitis: Sonographic Appearance and Clinical Presentation**
*Daryl H. Chinn, Edward I. Miller, Nancy Piper*

319 **Kleeblattschadel Anomaly: In Utero Sonographic Appearance**
*Elizabeth R. Stamm, Dolores H. Pretorius, Carol M. Rumack, Michael L. Manco-Johnson*

325 **Adrenocortical Neoplasm in Childre[illegible]: Ultrasound Appearance**
*Roger P. Davies, Albert H. Lam*

CASE REPORTS 329 **Actinomycosis Involving the Liver: Computed Tomography/ Ultrasound Correlation**
*Sheila Sheth, Elliot K. Fishman, Roger Sanders*

333 **Biliary Neoplasm Simulating Dilated Bile Ducts: Role of Computed Tomography and Ultrasound**
*Behram Pastakia, Thomas H. Shawker, Klara Horvath*

339 **"Contained" Rupture of a Liver Hydatid Cyst: Sonographic Diagnosis and Long-Term Postoperative Follow-up**
*Petru A. Mircea, Alin Cucu, Roman Vlaicu*

DEPARTMENTS 332 **Continuing Education**

343 **Letter to the Editor**

NUMBER 7, JULY 1987

RESEARCH PAPERS 345 **Uterine Adenomyosis: A Difficult Sonographic Diagnosis**
*Daniel Siedler, Faye C. Laing, R. Brooke Jeffrey, Jr., Vivian W. Wing*

351 **Ultrasonography as a Differential Diagnostic Aid in Achillodynia**
*Heikki R. Laine, Ari L.J. Harjula, Pekka Peltokallio*

363 **Atherosclerotic Plaque at the Carotid Artery Bifurcation: Correlation of Ultrasonographic Imaging With Morphology**
*Jesse Weinberger, Stephen J. Marks, James J. Gaul, Bruce Goldman, Harry Schanzer, Julius Jacobson, Steven Dikman*

367 **Sonographic Features of Brenner Tumor of the Ovary**
*Patricia A. Athey, Marc F. Siegel*

373 **The "Coffee Bean" Sign in Periappendiceal and Peridiverticular Abscess**
*Lindsay Machan, Mon S. Pon, Betty J. Wood, Anthony D. Wong*

377 **Sister Chromatid Exchanges in Laboratory Cultured Cells After Repeated Exposures to Pulsed Ultrasound**
*S.B. Barnett*

CASE REPORTS 385 **Ultrasound Diagnosis of a Prostatic Cyst Causing Acute Urinary Retention**
*S. Hamilton, J.M. Fitzpatrick*

389 **Testicular Microlithiasis: A Unique Sonographic Appearance**
*Frederick J. Doherty, Timothy L. Mullins, Grannum R. Sant, Mary Ann Drinkwater, Angelo A. Ucci, Jr.*

393 **Antenatal Diagnosis of Fetal Pelvic Kidneys**
*Lyndon M. Hill, Carol S. Peterson*

DEPARTMENTS 397 **Book Reviews**

400 **Books Received for Review**

401 **Letters to the Editor**

404 **Continuing Education**

405 **Acknowledgments**

407 **New AIUM Members**

NUMBER 8, AUGUST 1987

EDITORIAL

415 **The Prudent Use of Diagnostic Ultrasound**
*Marvin C. Ziskin*

RESEARCH PAPERS

417 **Evaluation of Fetal Femur Length for Prediction of Gestational Age in a Racially Mixed Obstetric Population**
*Kathleen A. Ruvolo, Roy A. Filly, Peter W. Callen*

421 **Absorption of Fetal Intraperitoneal Blood After Intrauterine Transfusion**
*Beverly Hashimoto, Roy A. Filly, Peter W. Callen, Julian T. Parer*

425 **Healing of a Muscle Trauma: Correlation of Sonographical and Histological Findings in an Experimental Study in Rats**
*Matti Lehto, Anu Alanen*

431 **Sonography of Ovarian Fibromas/Thecomas**
*Patricia A. Athey, Robert S. Malone*

437 **Significance of Ultrasound Measurements of the Head of the Breech Fetus**
*Birgit Bader, David Graham, Susan Stinson*

441 **Sonography of the Hand and Foot in Foreign Body Detection**
*Gretchen A.W. Gooding, Thomas Hardiman, Mark Sumers, Richard Stess, Peter Graf, Carl Grunfeld*

CASE REPORTS

449 **Sonographic Diagnosis of Lipoma of the Corpus Callosum**
*Ross A. Christensen, Lee E. Pinckney, Sue Higgins, Kenneth E. Miller*

453 **Posttransplant Lymphoma: Sonographic Characteristics of Renal Allograft Involvement**
*Paul D. Russ, Deborah E. Way, Dolores H. Pretorius, Michael L. Manco-Johnson, Richard Weil III*

457 **Sonographic Findings of a Spermatic Cord Lipoma: Case Report and Review of the Literature**
*William A. Kutchera, Edward I. Bluth, S. Lee Guice*

461 **Antenatal Sonographic Detection of Benign Dacrocystoceles (Lacrimal Duct Cysts)**
*W. Kent Davis, Barry S. Mahony, Barbara A. Carroll, James D. Bowie*

467 **Intrauterine Pregnancy Following Conservative Treatment of Cervical Pregnancy**
*Daniel Faustin, Patric C. Chen, Molly Pose*

471 **Preoperative Sonographic Localization of a Migrated Transosseous Stabilizing Wire in the Hand**
*Bruno D. Fornage*

475 **Asymptomatic Cysts of the Fetal Choroid Plexus in the Second Trimester**
*Beryl R. Benacerraf*

479 **Prenatal Diagnosis of Cystic CNS Lesions in Neonatal Isoimmune Thrombocytopenia**
*Robert B. Lester III, John R. Sty*

483 **Sequela of Continuous Ambulatory Peritoneal Dialysis (CAPD) Mimicking Primary Gynecologic Pathology**
*Lawrence M. Vincent, L. Alden Parker, Carol A. Mittelstaedt*

**DEPARTMENTS**

482 **Continuing Education**

486 **Book Review**

NUMBER 9, SEPTEMBER 1987

**RESEARCH PAPERS**

487 **Sonographic Evaluation of Abdominal Lymphangiomas in Children**
*Joel D. Blumhagen, Betty J. Wood, David M. Rosenbaum*

497 **Regional Cerebral Blood Velocity in Infants: A Real-Time Transcranial and Fontanellar Pulsed Doppler Study**
*Tonse N.K. Raju, Evangelia Zikos*

509 **Tracheoesophageal Fistula in Utero: Twenty-Two Cases**
*Dolores H. Pretorius, Julia A. Drose, Mark A. Dennis, David K. Manchester, Michael L. Manco-Johnson*

515 **The Compound Renal Pyramid: A Normal Hypoechoic Region on the Pediatric Sonogram**
*Bluett E. Jones, Fredric A. Hoffer, Rita Littlewood Teele, Robert L. Lebowitz*

519 **Longitudinal Trends in Left Ventricular Cardiac Output in Healthy Infants in the First Year of Life**
*Dale C. Alverson, Marilyn Aldrich, Pamela Angelus, Connie Backstrom, Sher Werner*

525 **Diagnostic Accuracy of Two-Dimensional Echocardiography for Detection of Left Atrial Thrombus in Patients With Mitral Stenosis**
*Cheng-Wen Chiang, Siu-Cheong Pang, Fen-Chiung Lin, Ber-Ren Fang, Chi-Tai Kuo, Ying-Shiung Lee, Chau-Hsiung Chang*

**CASE REPORTS**

531 **Ultrasonographic Localization of Breast Tissue Expander Valves**
*Elizabeth K. Darnell, Ronald V. Demars*

535 **Antenatal Ultrasound Diagnosis of Variant of Pentalogy of Cantrell**
*Monzer M. Abu-Yousef, Alan B. Wray, Roger A. Williamson, Stephen M. Bonsib*

539 **Sonography of Intraoperative Spinal Arteriovenous Malformations**
*Susan Randel, Gretchen A.W. Gooding, William P. Dillon*

545 **Acoustic Shadowing in Benign Granular Cell Tumor (Myoblastoma) of the Breast**
*John C. Scatarige, James G. Hsiu, Ricardo de la Torre, Mark S. Cramer, Muhammad Ali Siddiky, Alan H. Jaffe*

**DEPARTMENTS**

548 **Book Reviews**

550 **AIUM Bioeffects Literature Review**

551 **AIUM Film Panel Sessions**

566 **Continuing Education**

568 **Letters to the Editor**

NUMBER 10, OCTOBER 1987

**RESEARCH PAPERS**

573 **Relative Growth of the Higher Fetal Brain Structures**
*Daniel E. Siedler and Roy A. Filly*

577 **Sonographic Diagnosis of Subclavian and Internal Jugular Vein Thrombosis**
*Ralph Weissleder, Guillermo Elizondo, and David D. Stark*

589 **Intraoperative Imaging of the Biliary Tree: Sonography vs. Operative Cholangiography**
*Anne R. Buckley, Charles H. Scudamore, Christoph D. Becker, and Peter L. Cooperberg*

597 **Relationships of Five Doppler Measures with Flow in an In Vitro Model and Clinical Findings in Newborn Infants**
*Richard D. Miles, James A. Menke, Mohammed Bashiru, and Jerry A. Colliver*

**CASE REPORTS**

601 **The Ultrasonic Detection of Apert Syndrome**
*Lyndon M. Hill, Marion L. Thomas, and Carol S. Peterson*

605 **Sonographic Diagnosis of Aneurysm of the Right Portal Vein**
*Daryl Fanney, Mauricio Castillo, Berta Montalvo, and Javier Casillas*

609 **Detection of Intracranial Arteriovenous Malformation by Doppler Ultrasound of the Extracranial Carotid Circulation**
*Jeffrey B. Lichtman and Michael B. Kibble*

613 **Circumscribed Renal Mass in Dysplastic Kidney: Pseudomass vs. Tumor**
*Rodolfo Gordillo, Maria Vilaro, Nancy H. Sherman, Minta Phillips, John R. Hoyer, and Henrietta Kotlus Rosenberg*

619 **Pena-Shokeir Syndrome: Prenatal Diagnosis by Ultrasonography**
*Michael S. Cardwell*

623 **Cerebral Cysticercosis: Demonstration by Intraoperative Neurosonography**
*Neal H. Rosner, Peter E. Doris, and Raghu R. Singh*

DEPARTMENTS 626 **Continuing Education**

627 **Book Review**

629 **Letters to the Editor**

NUMBER 11, NOVEMBER 1987

RESEARCH PAPERS 631 **Fetal Spine Morphology and Maturation During the Second Trimester: Sonographic Evaluation**
*Roy A. Filly, Gary F. Simpson, and Gregory Linkowski*

637 **Sister Chromatid Exchange Frequency in Human Lymphocytes After Long Duration Exposure to Pulsed Ultrasound**
*S.B. Barnett, S.M. Barnstable, and G. Kossoff*

643 **Free Radical Production in Amniotic Fluid and Blood Plasma by Medical Ultrasound**
*L.A. Crum, A.J. Walton, A. Mortimer, M. Dyson, D.C. Crawford, and D.F. Gaitan*

649 **Comparison Between Endovaginal and Transabdominal Transducers for Measuring Ovarian Volume**
*Seth Granberg and Matts Wikland*

CASE REPORTS 655 **Prominent Fetal Breasts: A Normal Variant**
*Mario Bezzi, Donald G. Mitchell, Alfred B. Kurtz, Sheila L. Ronkin, and Barry B. Goldberg*

659 **Sonographic Evaluation of Pericholecystic Abscess With Intrahepatic Extension**
*Sharlene A. Teefey and Debra G. Wechter*

663 **Sonographic Diagnosis of Meconium Ileus In Utero**
*Ruth B. Goldstein, Roy A. Filly, and Peter W. Callen*

667 **Prenatal Detection of Left Atrial Isomerism by Ultrasound**
*Lilian M. L. de Araujo, Norman H. Silverman, Roy A. Filly, Mitchell S. Golbus, Walter E. Finkbeiner, and Klaus G. Schmidt*

671 **Sonography in the Diagnosis of Neutropenic Colitis**
*Mark C. Glass-Royal, Peter L. Choyke, Joseph E. Gootenberg, and Edward G. Grant*

675 **Sonography of Bouveret's Syndrome**
*Dean D.T. Maglinte, John C. Lappas, and Anastacio C. Ng*

DEPARTMENTS 678 **Continuing Education**

NUMBER 12, DECEMBER 1987

**RESEARCH PAPERS**

679 **Doppler Blood Flow Velocity Waveforms in Alpha-Thalassemia Hydrops Fetalis**
*Joseph S.K. Woo, S.T. Liang, Roxy L.S. Lo, Fung Yee Chan*

685 **Tangential Sulcal Echoes: Potential Pitfall in the Diagnosis of Parenchymal Lesions on Cranial Sonography**
*Richard A. Bowerman*

691 **In Utero Thickening of the Chordae Tendinae: A Cause of Intracardiac Echogenic Foci**
*Andrew G. Schechter, Joseph Fakhry, Lawrence R. Shapiro, Michael H. Gewitz*

697 **Endovaginal Ultrasound: A Technique for Evaluation of Nonfollicular Pelvic Masses**
*Maria M. Vilaro, Matthew D. Rifkin, Rebecca G. Pennel Oksana H. Baltarowich, Laurence Needleman, Alfred B. Kurtz, Barry B. Goldberg*

**CASE REPORTS**

703 **Prenatal Sonographic Depiction of Intralobar Pulmonary Sequestration**
*Dev Maulik, Laurel Robinson, Donna K. Daily, Susan E. Homan, Ramon V. Canent, Richard D. Ranne, Keith W. Ashcraft, Pamela Niemeyer*

707 **Cystic Sacrococcygeal Teratoma: Ultrasound Diagnosis and Perinatal Management**
*W.A. Hogge, S. Thiagarajah, V.G. Barber, B.M. Rodgers, B.M. Newman*

711 **Sonographic Appearance of Artificial Urinary Sphincter**
*Jahanguir Yaghoobian*

715 **Antenatal Diagnosis of Fetal Acrania**
*Patrizia Vergani, Alessandro Ghidini, Marina Sirtori, Nadia Roncaglia*

**DEPARTMENTS**

718 **BOOK REVIEWS**

720 **CONTINUING EDUCATION**

721 **INDEX**